



<b>Form PO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. UCSD-0019 / SD2003-226-1111	Application No. 10/561,108
	Applicant Michael D. Burkart and James J. LaClair	
	Filing Date May 11, 2006	Group 1652
	Confirmation No. 1801	

### U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	1	2003/0073205	04/17/03	Arlanian et al.		
	2	2002/0055125	05/09/02	Charych et al.		

### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

EXAMINER	DATE CONSIDERED
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>		
3	Ahmed, M.S. et al., "Inhibition of Lactose Transport in <i>E. Coli</i> by N-Ethylmaleimide- $\beta$ -Galactoside, N-Ethylsuccinimide- $\beta$ -Galactoside and N-Ethylmaleimide," <i>Membrane Biochem.</i> , <b>1980</b> , 3(4), 329-340	
4	Bedford, D.J. et al., "Expression of a Functional Fungal Polyketide Synthase in the Bacterium <i>Streptomyces coelicolor</i> A3(2)," <i>J. Bacteriol.</i> , <b>1995</b> , 177(15), 4544-4548	
5	Belshaw, P.J. et al., "Aminoacyl-CoAs as Probes of Condensation Domain Selectivity in Non-ribosomal Peptide Synthesis," <i>Science</i> , <b>1999</b> , 284, 486-489	
6	Caffrey, P. et al., "Identification of DEBS 1, DEBS 2 and DEBS 3, the multienzyme polypeptides of the erythromycin-producing polyketide synthase from <i>Saccharopolyspora erythraea</i> ," <i>FEBS Lett.</i> , <b>1992</b> , 304(2,3), 225-228	
7	Cane, D.E. et al., "The parallel and convergent universes of polyketide synthases and nonribosomal peptide synthetases," <i>Chem. Biol.</i> , <b>1999</b> , 6, R319-R325	
8	Cane, D.E. et al., "Harnessing the Biosynthetic Code: Combinations, Permutations, and Mutations," <i>Science</i> , <b>1998</b> , 282, 63-68	
9	Chang, S. et al., "The Roles of Propeptide in Maturation and Secretion of Npr Protease from <i>Streptomyces</i> ," <i>J. or Biol. Chem.</i> , <b>1994</b> , 269(5), 3548-3554	
10	Courtois, S. et al., "Recombinant Environmental Libraries Provide Access to Microbial Diversity for Drug Discovery from Natural Products," <i>Appl. Environ. Microbiol.</i> , <b>2003</b> , 69(1), 49-55	
11	<del>Cantecasse, P. et al., "Protein Purification by Affinity Chromatography," <i>J. Biol. Chem.</i>, <b>1970</b>, 245(12), 3059-3055</del> Not present in the case.	
12	Doekel, S. et al., "Review: Biosynthesis of Natural Products on Modular Peptide Synthetases," <i>Metab. Eng.</i> , <b>2001</b> , 3, 64-77	
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	13	Du et al., "The biosynthetic gene cluster for the antitumor drug bleomycin from <i>Streptomyces verticillus</i> ATCC15003 supporting functional interactions between nonribosomal peptide synthetases and a polyketide synthase," <i>Chemistry and Biology</i> , <b>2000</b> , <i>7</i> , 623-642	
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	17	Edman, P., "Method for Determination of the Amino Acid Sequence in Peptides," <i>Acta Chem. Scand.</i> , <b>1950</b> , <i>4</i> , 283-293	
	18	Fenical, W., "New pharmaceuticals from marine organisms," <i>Trends Biotechnol.</i> , <b>1997</b> , <i>15</i> , 339-341	
	19	Hutchinson, C.R., "Combinatorial biosynthesis for new drug discovery," <i>Curr. Opin. Microbiol.</i> , <b>1998</b> , <i>1</i> , 319-329	
	20	Jones, K.L. et al., "Low-Copy Plasmids can Perform as Well as or Better Than High-Copy Plasmids for Metabolic Engineering of Bacteria," <i>Metab Eng.</i> , <b>2000</b> , <i>2</i> , 328-338	
	21	Kao, C.M. et al., "Engineered Biosynthesis of the Complete Macrolactone in Heterologous Host," <i>Science</i> , <b>1994</b> , <i>265</i> , 509-512	
	22	Kealey, J.T. et al., "Production of polyketide natural product in nonpolyketide-producing prokaryotic and eukaryotic hosts," <i>Proc. Natl. Acad. Sci. USA.</i> , <b>1998</b> , <i>95</i> , 505-509	
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24	Lambalot, R.H. et al., "A new enzyme superfamily – the phosphopantetheinyl transferases," <i>Chem. Biol.</i> , <b>1996</b> , 3, 923-936		
25	Mofid, M.R. et al., "Recognition of Hybrid Peptidyl Carrier Proteins/Acyl Carrier Proteins in Nonribosomal Peptide Synthetase Modules by the 4'-Phosphopantetheinyl Transferases AcpS and Sfp*," <i>J. Biol. Chem.</i> , <b>2002</b> , 277, 17023-17031		
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27	Nielsen, J., "The role of metabolic engineering in the production of secondary metabolites," <i>Curr. Opin. Microbiol.</i> , <b>1998</b> , 1, 330-336		
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29	Pugh, E.L. et al., "Studies on the Mechanism of Fatty Acid Synthesis, XIV. The Prosthetic Group of ACYL Carrier Protein and the Mode of its Attachment to the Protein," <i>J. Biol. Chem.</i> , <b>1965</b> , 240, 4727-4733		
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<b>EXAMINER</b> /Rosanne Kosson/		<b>DATE CONSIDERED</b> 2/22/2011	